



# Doing What Works

ED.gov



SAMPLE MATERIAL

## Career Brochure: Robotic Engineering

Clarke N. Johnsen Junior High School, Utah

**Topic:** Encouraging Girls in Math and Science

**Practice:** Sparking Curiosity

Mrs. Clegg-Patch, a science teacher at Johnsen Junior High School, uses the career brochure assignment to encourage girls to learn about a science career they might pursue. Before doing this assignment, she takes her students to a career forum held at a local university, specifically focused on successful women scientists and engineers. She builds on the students' enthusiasm after the field trip by asking them to select a career in science that interests them, learn more about it, and develop a career brochure. The students present their brochures to the class, and answer questions about their choices. Although this activity includes both boys and girls, it is especially useful to have the girls imagine themselves as future scientists and engineers.

In this brochure, a student explores robotic engineering (see also the video, *Careers in Science*).

# ROBOTIC ENGINEERING

NS-5

WHAT WILL YOU DO WITH YOURS?

3 LAWS SAFE

[WWW.IROBOTNOW.COM](http://WWW.IROBOTNOW.COM)



Robotic Engineers get an annual payment of \$30,400-\$50,500 for there jobs.



To be a Robotics Engineer you need a bachelors in Science, Math, and Engineering.



They're are needed for building and designing robots to make the world easier and safer.



Robots are built for battling at some schools too.

